

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Thursday, June 29, 2000
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
*Scottsdale: Larry Person
*Chandler: Jim Weiss
Gilbert: Danielle Typinski
Glendale: Doug Kukino
Mesa: Collum Hunter for Christine Zielonka
Phoenix: Joe Gibbs for Gaye Knight
Tempe: Mike Short for Mary O'Conner
*Citizen Representative: Walter Bouchard
Citizen Representative: Arve Dahl
*Arizona Lung Association: David Feuerherd
*Arizona Automobile Dealers Association:
W. Knox Ramsey, Jr.
Salt River Project: Greg Witherspoon
Southwest Gas Corporation: Brian O'Donnell
*Arizona Public Service Company: Scott Davis
Western States Petroleum Association: Gina Grey
Regional Public Transportation Authority: Bryan
Jungwirth
Arizona Motor Transport Association: Dave Berry
Maricopa County Farm Bureau: Jeannette Fish
*Arizona Rock Products Association: Samuel
Aubrey

*Associated General Contractors: David Martin
*Homebuilders Association of Central Arizona:
Connie Wilhelm-Garcia
American Institute of Architects- Central Arizona:
H. Maynard Blumer
*Valley Forward: Peter Allard
*Phoenix Chamber of Commerce: Ian Calkins
University of Arizona - Cooperative Extension:
Monica Pastor
*Arizona Nursery Association: Cheryl Goar
Arizona Department of Transportation: Sandra
Gilbert for Pat Cupell
Arizona Department of Environmental Quality: Peter
Hyde
Maricopa County Environmental Services
Department: Jo Crumbaker
*Arizona Department of Weights and Measures: Mark
Ellery
Federal Highway Administration: Dennis Mittelstedt
*Arizona State University: Judi Nelson
*Arizona Farm Bureau: James Klinker
*Salt River Pima-Maricopa Indian Community:
B. Bobby Ramirez
Citizen Representative: David Rueckert

*Those members were neither present nor represented by proxy.

OTHERS PRESENT

Kathy Jerik, City of Tempe
Stuart Boggs, Maricopa Association of
Governments
Allan Kosecki, Maricopa Association of
Governments
Dean Giles, Maricopa Association of
Governments
Cari Anderson, Maricopa Association of
Governments
Don Gabrielson, Pinal County Air Quality Control
District

Lindy Bauer, Maricopa Association of Governments
Charlie Stevens, Stevens and Leibow
Bob Downing, Maricopa County Environmental
Services Department
James Maes, Maricopa County Environmental
Services Department

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on Thursday, June 29, 2000. Stephen Cleveland, City of Goodyear, Chairman, called the meeting to order at 1:30 p.m.

2. Approval of the April 27, 2000 Meeting Minutes

The Committee reviewed the minutes from the April 27, 2000 meeting. Greg Witherspoon, Salt River Project, moved and Joe Gibbs, City of Phoenix, seconded, and it was unanimously carried to approve the minutes from the April 27, 2000 meeting.

3. Draft 2000 Conformity Analysis

Cari Anderson, MAG, presented the Draft 2000 Conformity Analysis for the Draft FY 2001-2005 MAG Transportation Improvement Program (TIP) and Draft MAG Long Range Transportation Plan Summary and 2000 Update (LRTP). Following a 30-day public comment period, the draft documents were the subject of an open house and public hearing on June 26, 2000. The public comment period was extended until July 10, 2000. Ms. Anderson indicated that the regional emissions analysis conducted for the TIP and LRTP satisfy the requirements of the federal conformity rule and are in conformance with the applicable air quality plans. The rule requires that the TIP and the LRTP pass emission tests for each pollutant for which the region is in nonattainment. Emission tests for the regional analysis were conducted for the years 2001, 2010, and 2020. Ms. Anderson reviewed the regional emissions analysis results for carbon monoxide, ozone, and particulate matter. In addition, the funding by category for Transportation Control Measures (TCMs) in the TIP was presented.

Brian O'Donnell, Southwest Gas Corporation, inquired about the overall budget and the source of funding for the TCMs. Ms. Anderson replied that there was no set budget for TCMs and that all funding sources were included in the chart.

Dave Berry, Arizona Motor Transport Association, indicated the Committee redirected some Congestion Mitigation and Air Quality (CMAQ) funding to unpaved roads as a result of air quality plan concerns. He inquired if the Transportation Review Committee (TRC) would allow this Committee to have a seat at the table. Lindy Bauer, MAG, indicated that the MAG Regional Council Chairman appoints members to the Committee. She would check on the status of this request.

Mr. Gibbs asked how air quality-related priorities are reflected in CMAQ project selection. Ms. Bauer responded that the recommendations from the modal committees, including air quality recommendations from this Committee, are presented to the TRC.

Maynard Blumer, American Institute of Architects, mentioned that creative thinking is needed for input into projects under consideration. A creative message should be delivered to the TRC that takes into account items such as: municipal planning and zoning problems that would cut down on travel demand, new state

fairgrounds, rapid transit between Phoenix and Tucson, regional airport, commercial air service needs, and a stadium to serve ASU and the Superbowl. Mr. Cleveland indicated staff would look into these items.

Mr. Berry questioned whether Tier 2 emission standards are reflected in the conformity analysis. Ms. Anderson responded that National Low Emission Vehicle was included, so conservative estimates of Tier 2 were used and the list of measures assumed for the conformity analysis are found in the document. She added that an Environmental Protection Agency (EPA) approved modeling method for Tier 2 is not available at this time. Mr. Berry moved and Mr. O'Donnell seconded to recommend approval of the Draft 2000 Conformity Analysis for the Draft FY 2001-2005 MAG TIP and LRTP. The original motion and second was amended to include the approval contingent upon the response to comments due July 10, 2000 and the motion passed unanimously.

4. Implications of a Conformity Lapse

Ms. Anderson provided an overview of the implications of a conformity lapse. In general, a conformity determination will lapse if: more than three years pass after a conformity determination without a new conformity determination on the new TIP and LRTP, or the federal highway funding sanctions are imposed. Ms. Anderson reviewed the projects which are allowed to proceed during a conformity lapse: exempt projects of the type found in the transportation conformity rule, TCMs included in an approved SIP, and projects which have received funding commitments for construction prior to the lapse. She added that most highway projects and capacity enhancing projects in the TIP would stop regardless of funding source. In addition, most federally-funded design and right-of-way acquisition cannot continue during a conformity lapse. Guidance also indicates that the Federal Highway Administration, Federal Transit Administration, and EPA will meet prior to an impending conformity lapse to determine which projects may receive funding commitments before a lapse, which projects could potentially be delayed, and identify steps necessary to correct the lapse.

Dennis Mittelstedt, Federal Highway Administration, mentioned that under the guidance, projects with a duration that extends over a period of years may not be approved under a conformity lapse. He added that capacity enhancing projects are subject to the lapse.

Mr. Gibbs asked about the impact of a lapse on the Phoenix transit election. In addition, Mr. Jungwirth also asked how the impact of a lapse would hold up the right of way acquisition or design of the light rail system. Mr. Mittelstedt stated that a certain amount of reason is practiced in the review of projects.

5. Draft Methodology for Evaluating CMAQ Improvement Projects

Dean Giles, MAG, presented an overview of the Draft Methodology for Evaluating CMAQ Improvement Projects. He mentioned that effective April 28, 1999, the federal guidance for the CMAQ Improvement Program indicates that Metropolitan Planning Organizations (MPOs) need to develop procedures for assessing emission reduction benefits for proposed CMAQ projects. The guidance encourages states, MPOs and transit agencies, in consultation with air quality agencies, to cooperatively develop evaluation

criteria. Mr. Giles indicated staff conducted a review of methodology in use by other MPOs to revise the methodology from last year. He stated that it was anticipated that the draft methodology will be used to evaluate proposed projects during the development of the FY 2002-2006 MAG TIP that is scheduled to begin in August 2000. He indicated the draft methodology was presented to all modal committees and that comments were due by June 30, 2000.

Mr. Blumer proposed that a methodology should be developed to evaluate the benefits of roundabout construction. Mr. Jungwirth indicated that some type of evaluation for projects that provide new bus service is needed and he would provide written comments on the draft methodology. Mr. Gibbs noted that after a review of the street sweeper methodology, it appeared that the methodology did not reflect the incremental benefit of using a PM-10 certified street sweeper in place of a conventional street sweeper. Mr. Giles responded that the issues raised would be reviewed as the methodology is revised.

6. Planning for the New MAG Regional Transportation Plan

Stuart Boggs, MAG, provided an overview of the planning underway for development of the new MAG Regional Transportation Plan. Mr. Boggs noted that with the completion of the MAG Freeway Program by 2007, a key component of the MAG Long Range Transportation Plan is being completed. The development of a new MAG Regional Transportation Plan will provide a blueprint for future transportation improvements in the MAG region. The Plan will provide a policy and funding framework that will identify and prioritize transportation investments and programs that will be undertaken over the next twenty years. Mr. Boggs described the Regional Transportation Plan development process and the public involvement required to make the Plan a shared vision.

Mr. Berry asked how the Regional Transportation Plan would tie into the TIP. Mr. Boggs responded that it would function much like the current LRTP with a 20-year time horizon, however, the Regional Transportation Plan would contain a new policy framework. Mr. Berry stated that to be inclusive in the public involvement phase is a big challenge. Mr. Boggs concurred that it is difficult to get the public excited about a long range plan. Mr. Blumer mentioned that he has seen it successfully accomplished through a public participation process employed by James Able.

Monica Pastor, University of Arizona Cooperative Extension, inquired about the schedule for the project. Mr. Boggs indicated that the MAG Management Committee and MAG Regional Council would consider this item on July 12, 2000 and July 26, 2000, respectively. Mr. Boggs explained further that Phase I, tentatively scheduled to begin in September, will involve the formation of the policy framework and Phase II would be the development of the multi-modal plan. David Rueckert, Citizen Representative, suggested that announcements about the Regional Transportation Plan could be placed on local websites and metro area traffic reports to generate publicity.

Mr. Mittelstedt added that new development is often approved based on expected future transportation networks. Mr. Cleveland recommended that city level input could be provided from the CIP process.

7. Model Dust Control Ordinance

Ms. Bauer presented an update on the Model Dust Control Ordinance. She indicated that the MAG Regional Council directed that a Model Dust Control Ordinance for member agencies be developed to enforce dust control rules and cite violators. A consensus was achieved on Alternative 1 language during the last workshop conducted on June 9, 2000. Ms. Bauer added that Alternative 2 was also available for review and comment purposes. Alternative 2 more closely follows the direction of the MAG Regional Council. Alternative 2 language states that a copy of the Maricopa County Earthmoving Permit and Dust Control Plan shall be submitted and incorporated into the grading and drainage permit for any work performed within a jurisdiction. She mentioned the City of Peoria uses this approach. Ms. Bauer indicated that the Model Dust Control Ordinance Alternatives would be on the agenda for the MAG Management Committee and MAG Regional Council in July.

Jo Crumbaker, Maricopa County Environmental Services Department, offered cities and towns to contact Maricopa County if interested in joint enforcement efforts. She mentioned the joint enforcement effort with the City of Phoenix.

8. Inventory Preparation Plan for the 1999 Periodic Carbon Monoxide and Ozone Emission Inventories

James Maes, Maricopa County Environmental Services Department, provided an overview of the Inventory Preparation Plan for the 1999 Periodic Carbon Monoxide and Ozone Emission Inventories. Mr. Maes explained that the periodic inventory reports will be included in the carbon monoxide and ozone maintenance plans and must be submitted every three years until attainment status is achieved. Emissions from large point sources, area sources, on-road mobile sources, and off-road mobile sources will be included as part of the inventory. The ozone inventory will also include biogenic (plant and land) sources. Data collection for the periodic inventory is underway with the completed draft is scheduled for December 31, 2000.

Mr. Gibbs inquired if previous studies will be used to inventory small engines. Mr. Maes responded that it is possible both past studies and new studies will be employed. Mr. Blumer asked about the creation of urban forests and the benefits of vegetation. Gina Grey, Western States Petroleum Association, mentioned that data on several species indicate high hydrocarbon emissions. In addition, she explained that vegetation leads to the use of high polluting lawn equipment. Mr. Cleveland complimented Maricopa County on the presentation and work being done on the inventory.

9. EPA Proposed Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements

Ms. Bauer provided a summary on the proposed rules for Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements issued by the EPA on June 2, 2000. She stated that the proposed diesel vehicle standards would begin to take effect in 2007. The proposal also would place a sulfur cap for diesel fuel of 15 parts per million beginning June 1, 2006. The proposal would result in each new truck and bus being as much as 95 percent cleaner than the trucks and buses of today.

Mr. Jungwirth asked for the worst case scenario if Arizona Center for Law in the Public Interest (ACLPI) was to file a lawsuit following the public comment period for the Revised MAG 1999 Serious Area Particulate Plan for PM-10 for the Maricopa County Nonattainment Area. Ms. Bauer responded that there is a 60-day window for ACLPI to file the suit following final EPA action. The schedule for hearing the case would be determined by the court. If the EPA approval was vacated, conformity would lapse at the same time highway sanctions are imposed. She emphasized that there is no clear timeline for the events to occur.

10. Call to the Public

An opportunity was provided to members of the public to address the Air Quality Technical Advisory Committee. No comments were presented.

11. Next Committee Meeting

Mr. Cleveland announced that the next meeting of the AQTAC is scheduled for August 31, 2000. With no further business, the meeting was adjourned.